

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S11 82	167201	anode	US-PGPUB; USPAT	ADJ	ON	2007/05/21 14:06
S11 83	250456	cathode	US-PGPUB; USPAT	ADJ	ON	2007/05/21 14:07
S11 84	1576457	(water or "h.sub.2o")	US-PGPUB; USPAT	ADJ	ON	2007/05/21 14:07
S11 85	296278	"co.sub.2" or carbon adj dioxide	US-PGPUB; USPAT	ADJ	ON	2007/05/21 14:08
S11 86	66667	photon	US-PGPUB; USPAT	ADJ	ON	2007/05/21 14:08
S11 87	44	S1180 and S1181 and S1181 and S1183 and S1184 and S1185 and S1186	US-PGPUB; USPAT	ADJ	ON	2007/05/21 15:09
S11 88	151817	hexose or "c.sub.6"	US-PGPUB; USPAT	ADJ	ON	2007/05/21 15:10
S11 89	67	S1188 and S1180	US-PGPUB; USPAT	ADJ	ON	2007/05/21 15:10
S11 90	38	S1189 and S1183	US-PGPUB; USPAT	ADJ	ON	2007/05/21 15:10
S11 91	25	S1190 and S1185	US-PGPUB; USPAT	ADJ	ON	2007/05/21 15:18
S11 92	1006	204/242.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/21 15:18
S11 93	69095	photons or photolytic	US-PGPUB; USPAT	ADJ	ON	2007/05/21 15:19
S11 94	22	S1192 and S1193	US-PGPUB; USPAT	ADJ	ON	2007/05/21 15:19
S11 95	35	("3925212"   "3989542"   "4021323"   "4037029"   "4061555"   "4094751"   "4119768"   "4124464"   "4128704"   "4136436"   "4160816"   "4173494"   "4182662"   "4203814"   "4215182"   "4236984"   "4246080"   "4263111"   "4278831"   "4315973"   "4320154"   "4341607"   "4352722"   "4381233"   "4381978"   "4392297"   "4416052"   "4427749"   "4466869"   "4521499"   "4525435"   "4525437"   "4565617"   "4595568").PN. OR ("4790916").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:56
S11 96	515575	catalyst	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:57

## EAST Search History

S11 97	68956	photons	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:57
S11 98	246	S1196 with S1197	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:58
S11 99	41	S1198 and "204".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:58
S12 00	76	205/117.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 09:00
S12 01	486	alkali metal solution	US-PGPUB; USPAT	ADJ	ON	2007/05/22 09:00
S12 02	21	S1201 and "204".clas.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 09:01
S12 03	47	S1201 and "205".clas.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 09:01
S12 04	1522497	composition or concentration	US-PGPUB; USPAT	ADJ	ON	2007/05/22 09:02
S12 05	67	S1204 with S1201	US-PGPUB; USPAT	ADJ	ON	2007/05/22 09:02
S12 06	296437	(carbon dioxide) or ("co.sub.2")	US-PGPUB; USPAT	ADJ	ON	2007/05/22 11:01
S12 07	372	(photo\$1electro\$1chemical cell) or (photolytic cell)	US-PGPUB; USPAT	ADJ	ON	2007/05/22 11:01
S12 08	89	S1206 and S1207	US-PGPUB; USPAT	ADJ	ON	2007/05/22 11:26
S12 09	20	S1206 with S1207	US-PGPUB; USPAT	ADJ	ON	2007/05/22 11:36
S12 10	0	(S1206 same S1207) not S1208	US-PGPUB; USPAT	ADJ	ON	2007/05/22 11:37
S12 11	69	S1208 not S1209	US-PGPUB; USPAT	ADJ	ON	2007/05/22 11:57
S12 12	36	(irradiate or irradiated) near5 photolytic\$4	US-PGPUB; USPAT	ADJ	ON	2007/05/22 12:02
S12 13	110894	(hydrogen peroxide) or ("h.sub.2o. sub.2")	US-PGPUB; USPAT	ADJ	ON	2007/05/22 11:58
S12 14	17	S1212 and S1213	US-PGPUB; USPAT	ADJ	ON	2007/05/22 11:58
S12 15	2	"4219392".pn. or "4544470".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 12:02

## EAST Search History

S12 16	21	(US-20020050450-\$).did. or (US-4595568-\$ or US-4478699-\$ or US-4466869-\$ or US-4140591-\$ or US-5186794-\$ or US-6559373-\$ or US-6524536-\$ or US-4650558-\$ or US-4476003-\$ or US-4461691-\$ or US-4451342-\$ or US-4371431-\$ or US-7052587-\$ or US-5932111-\$ or US-4592807-\$ or US-4414080-\$ or US-4303486-\$ or US-6179971-\$ or US-4544470-\$ or US-4219392-\$). did.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 13:40
S12 17	5	S1216 and (carbonate or "co.sub. 3")	US-PGPUB; USPAT	ADJ	ON	2007/05/22 13:43
S12 18	252	cathode with ((carbon dioxide or "co.sub.2")) with ((carbonate or "co.sub.3"))	US-PGPUB; USPAT	ADJ	ON	2007/05/22 13:44
S12 19	8	cathode with convert with ((carbon dioxide or "co.sub.2")) with ((carbonate or "co.sub.3"))	US-PGPUB; USPAT	ADJ	ON	2007/05/22 13:50
S12 20	0	(photolysis with ((hydrogen peroxide) or ("h.sub.2o.sub.2")) with ((oxygen gas) or ("o.sub.2")) same (("mno.sub.2") or (magnesium oxide))	US-PGPUB; USPAT	ADJ	ON	2007/05/22 13:52
S12 21	5	(photolysis with ((hydrogen peroxide) or ("h.sub.2o.sub.2")) with ((oxygen gas) or ("o.sub.2"))	US-PGPUB; USPAT	ADJ	ON	2007/05/22 13:54
S12 22	110	(photolysis with ((hydrogen peroxide) or ("h.sub.2o.sub.2"))	US-PGPUB; USPAT	ADJ	ON	2007/05/22 13:56
S12 23	6	photolysis with ((hydrogen peroxide) or ("h.sub.2o.sub.2")) with (dissolved oxygen)	US-PGPUB; USPAT	ADJ	ON	2007/05/22 13:57
S12 24	14	photolysis with ((hydrogen peroxide) or ("h.sub.2o.sub.2")) with (oxygen)	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:06
S12 25	382	disproportionation catalyst	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:07
S12 26	22	S1225 with (("mno.sub.2") or (magnesium oxide))	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:08
S12 27	5	S1225 with (("mno.sub.2") or (magnesium di\$1oxide))	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:09
S12 28	886	catalyst with (("mno.sub.2") or (magnesium di\$1oxide))	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:11
S12 29	215	S1228 same oxygen	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:09
S12 30	27	S1229 and "204".clás.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:09

## EAST Search History

S12 31	1717	catalyst with ("mno.sub.2") or (manganese di\$1oxide))	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:11
S12 32	0	S1225 with oxygen with "204".clas.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:11
S12 33	19	S1225 with oxygen	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:13
S12 34	2	catalyst with ("mn0.sub.2")	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:14
S12 35	11123	"mno.sub.2"	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:15
S12 36	474185	catalyst or catalysts or catalytic	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:15
S12 37	950	S1235 with S1236	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:15
S12 38	9	S1237 same (photons or photolysis or photolytic)	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:16
S12 39	62	S1237 and "204".clas.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:16
S12 40	1	(US-4595568-\$).did.	USPAT	ADJ	ON	2007/05/22 14:27
S12 41	24	(US-20020050450-\$ or US-20020033369-\$ or US-20020170815-\$).did. or (US-4595568-\$ or US-4478699-\$ or US-4466869-\$ or US-4140591-\$ or US-5186794-\$ or US-6559373-\$ or US-6524536-\$ or US-4650558-\$ or US-4476003-\$ or US-4461691-\$ or US-4451342-\$ or US-4371431-\$ or US-7052587-\$ or US-5932111-\$ or US-4592807-\$ or US-4414080-\$ or US-4303486-\$ or US-6179971-\$ or US-4544470-\$ or US-4219392-\$ or US-4080270-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:27
S12 42	13	S1241 and substrate	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:47
S12 43	3443	mesoporous	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:47
S12 44	210	S1243 with cell	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:47
S12 45	5	S1244 and "204".clas.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 15:38
S12 46	87628	"c.sub.5" or pentose	US-PGPUB; USPAT	ADJ	ON	2007/05/22 15:39
S12 47	296437	"co.sub.2" or (carbon dioxide)	US-PGPUB; USPAT	ADJ	ON	2007/05/22 15:39

## EAST Search History

S12 48	2352	S1246 with S1247	US-PGPUB; USPAT	ADJ	ON	2007/05/22 15:39
S12 49	56	S1248 with catalyst	US-PGPUB; USPAT	ADJ	ON	2007/05/22 15:40
S12 50	12	S1248 with catalyst with "c.sub.6"	US-PGPUB; USPAT	ADJ	ON	2007/05/22 16:34
S12 51	143	SAMMS	US-PGPUB; USPAT	ADJ	ON	2007/05/22 16:35
S12 52	901209	cell	US-PGPUB; USPAT	ADJ	ON	2007/05/22 16:35
S12 53	4	S1251 near5 S1252	US-PGPUB; USPAT	ADJ	ON	2007/05/22 16:57
S12 54	143	SAMMS	US-PGPUB; USPAT	ADJ	ON	2007/05/22 17:06
S12 55	1	"6436294".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 17:06